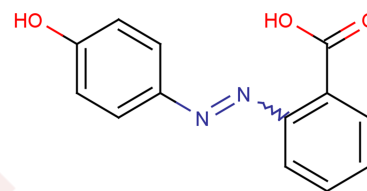


2-(4-Hydroxyphenylazo)benzoicacid

Chemical Properties

CAS No. :	1634-82-8
Formula:	C13H10N2O3
Molecular Weight:	242.23
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2-(4-Hydroxyphenylazo)benzoicacid is a spectrophotometric probe that shows changes in absorption spectra upon binding to proteins and binds to bovine serum proteins.
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Solubility Information

Solubility	Ethanol: 18.0 mg/mL (74.3 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1283 mL	20.6415 mL	41.2831 mL
5 mM	0.8257 mL	4.1283 mL	8.2566 mL
10 mM	0.4128 mL	2.0642 mL	4.1283 mL
50 mM	0.0826 mL	0.4128 mL	0.8257 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Sakurai T, et al. Effects of phenylbutazone and mefenamic acid on two classes of binding sites of 2-(4'-hydroxyphenylazo)benzoic acid on bovine serum albumin characterized by absorption spectra and circular

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